

## **IN THE CLAIMS**

1           1. (Currently Amended) A computer-implemented method for processing a stored  
2       document, comprising:  
3                     receiving an image of a document index;  
4                     locating, on the document index image, at least a first graphic representation of  
5                     a first stored document;  
6                     locating, on the document index image, an image of a first sticker specifying  
7                     an action;  
8                     determining that the first sticker specifies a first action be performed on the  
9                     first stored document based on a location of the first sticker with re-  
10                  spect to the first graphic representation;  
11                  identifying a first stored document based on the location of the first action  
12                  sticker with respect to the document index image; and  
13                  performing the specified first action to cause a change to the identified first  
14                  stored document.

1           2. (Original) The method of claim 1, wherein the first ~~action~~ sticker comprises a re-  
2       movable self-adhesive sticker.

1           3. (Currently Amended) The method of claim 1, wherein the first stored document is  
2       part of a stored collection of documents, and wherein the document index image comprises a  
3       collection coversheet image.

1           4. (Currently Amended) The method of claim 3, wherein the collection coversheet  
2 image comprises a collection overview image.

1           5. (Currently Amended) The method of claim 4, wherein the collection overview im-  
2 age comprises a plurality of thumbnail depictions of documents.

1           6. (Currently Amended) The method of claim 3, wherein the collection coversheet  
2 image comprises a machine-readable collection identifier specifying a storage location for the  
3 collection of documents, the method further comprising, prior to performing the specified first  
4 action:

5                 retrieving the identified first stored document from the specified storage loca-  
6                 tion.

1           7. (Currently Amended) The method of claim 3, further comprising modifying the  
2 stored collection of documents.

1           8. (Currently Amended) The method of claim 7, further comprising generating an up-  
2 dated collection coversheet image.

1           9. (Currently Amended) The method of claim 3, further comprising storing a new  
2 version of the collection of documents.

1           10. (Currently Amended) The method of claim 9, further comprising generating an  
2 updated collection coversheet image including a collection identifier specifying a location for  
3 the new version.

1           11. (Currently Amended) The method of claim 1, wherein the document index image  
2   comprises a plurality of graphic representations of documents, and wherein ~~identifying a first~~  
3   ~~stored document based on the location of the action sticker comprises identifying a determin-~~  
4   ~~ing that the first sticker specifies the first action to be performed on the first stored document~~  
5   ~~based on a location of the first sticker with respect to the first graphic representation of the~~  
6   ~~first stored document comprises determining first stored document corresponding to a docu-~~  
7   ~~ment whether the first graphic representation of the first stored document is overlapped by~~  
8   the first action sticker.

1           12. (Currently Amended) The method of claim 1, wherein the document index image  
2   comprises a plurality of graphic representations of documents, and wherein ~~identifying a first~~  
3   ~~stored document based on the location of the first action sticker comprises identifying a first~~  
4   ~~stored document based on determining that the first sticker specifies the first action to be per-~~  
5   ~~formed on the first stored document based on the location of the first sticker with respect to the~~  
6   ~~first graphic representation comprises determining a proximity of the first action sticker to one of~~  
7   ~~the a second graphic representation document representations of a second stored document.~~

1           13. (Currently Amended) The method of claim 1, wherein the document index image  
2   comprises a plurality of graphic representations of documents, and wherein ~~identifying a first~~  
3   ~~stored document based on the location of the first action sticker comprises identifying deter-~~  
4   ~~mining that the first sticker specifies the first action to be performed on the first stored docu-~~  
5   ~~ment based on the location of the first sticker with respect to the first graphic representation~~  
6   ~~comprises determining the first graphic representation of the first stored-a document is pointed~~  
7   to by the first ~~a~~ction sticker.

1           14. (Currently Amended) The method of claim 1, wherein:

2                 the document index image comprises a plurality of graphic representations of

3                     documents;

4                 the first ~~action~~ sticker comprises an action point; and

5                 determining that the first sticker specifies the first action be performed on the

6                 first stored document based on the location of the first sticker with re-

7                 spect to the first graphic representation comprises identifying a first

8                 stored document based on the location of the first action sticker com-

9                 pries identifying a first document based on determining a proximity of

10                 the action point of the first ~~action~~ sticker to one of the document repre-

11                 sentations.

1           15. (Currently Amended) The method of claim 1, wherein:

2                 the document index image comprises a plurality of graphic representations of

3                     documents;

4                 the first ~~action~~ sticker comprises an action point; and

5                 determining that the first sticker specifies the first action to be performed on

6                 the first stored document based on the location of the first sticker with

7                 respect to the first graphic representation identifying a first stored docu-

8                 ment based on the location of the first action sticker comprises:

9                 determining a coordinate location for the action point;

10 determining a coordinate location for ~~at least one of the~~ the first graphic  
11 ~~document representations~~ representation of the first stored docu-  
12 ment; and  
13 ~~identifying a first stored document by~~ comparing the coordinate location  
14 for the action point with the coordinate location for the ~~at least one~~  
15 ~~document~~ first graphic representation of the first stored document.

1 16. (Currently Amended) The method of claim 1, wherein the document index image  
2 comprises a list of stored documents.

1 17. (Currently Amended) The method of claim 1, wherein the document index image  
2 comprises a plurality of graphic representations of stored documents, wherein each graphic  
3 representation comprises a ~~e~~ f thumbnail depiction ~~depictions of a~~ stored document docu-  
4 ments.

1 18. (Currently Amended) The method of claim 1, wherein the document index im-  
2 age comprises a plurality of graphic representations of stored documents, wherein each  
3 graphic representation comprises icons an icon representing a stored document documents.

1 19. (Currently Amended) The method of claim 1, wherein the specified first action  
2 comprises one selected from the group consisting of:  
3 printing;  
4 e-mailing;  
5 faxing;  
6 grouping;

7                   reordering;  
8                   playing;  
9                   ungrouping; and  
10                  deleting.

1                 20. (Currently Amended) The method of claim 1, wherein the ~~specified~~ first action  
2                 comprises specifying an access level for the first stored document.

1                 21. (Currently Amended) The method of claim 1, further comprising:  
2                   locating, on the document index image, at least a second graphic representation  
3                   of a second stored document;  
4                   locating, on the document index image, an image of a second sticker specify-  
5                   ing a second action;  
6                   determining that the second sticker specifies the second action be performed on  
7                   the second stored document based on a second location of the second  
8                   sticker with respect to the second graphic representation;  
9                   identifying a second stored document based on the location of the second ac-  
10                  tion sticker on with respect to the document index page; and  
11                  performing the ~~specified~~ second action to cause a change to the identified sec-  
12                  ond stored document.

1                 22. (Currently Amended) The method of claim 21, further comprising:  
2                   prior to performing the ~~specified~~ first action, retrieving the ~~identified~~ first  
3                   stored document from a storage device; and

4 prior to performing the ~~specified~~ second action, retrieving the ~~identified~~ second  
5 stored document from a storage device.

1 23. (Currently Amended) The method of claim 1, wherein the first sticker specifies a  
2 grouping action, the method further comprising:

3 locating, on the document index image, at least a second graphic representation  
4 of a second stored document;

5 locating, on the document index image, an image of a second sticker specify-  
6 ing a grouping action; and

7 determining that the second sticker specifies the grouping action be performed  
8 on the second stored document based on a location of the second  
9 sticker with respect to the second graphic representation;

10 identifying a second stored document based on the location of the second ac-  
11 tion sticker with respect to the document index image;

12 and wherein performing the ~~specified~~ first action comprises grouping the first ~~iden-~~  
13 ~~tied~~-stored document and the second ~~identified~~ stored document.

1 24. (Currently Amended) The method of claim 23, wherein grouping the first ~~iden-~~  
2 ~~tied~~ stored document and the second ~~identified~~ stored document comprises forming a sub-  
3 collection of documents comprising the first ~~identified~~-stored document and the second ~~iden-~~  
4 ~~tied~~-stored document.

1           25. (Currently Amended) The method of claim 1, further comprising:

2                 locating, on the document index image, an image of a second sticker specify-

3                 ing a second action;

4                 locating, on the document index image, an image of a second sticker indicating

5                 the same stored document as the first sticker, the second sticker speci-

6                 fying a second action;

7                 determining that the second sticker specifies the second action be performed on

8                 the first stored document based on a location of the second sticker with

9                 respect to the first graphic representation;

10                 determining an order for performing the first action and the second action; and

11                 performing the second ~~specified~~ action on the identified first stored document;

12                 wherein the first and second actions are performed according to the determined order.

1           26. (Original) The method of claim 25, wherein determining an order comprises sort-

2                 ing according to a predetermined sequence of actions.

1           27. (Currently Amended) The method of claim 1, wherein the ~~specified~~ first action

2                 comprises transmitting the identified first stored document to a destination, the method further

3                 comprising:

4                 determining ~~a~~ the destination.

1           28. (Currently Amended) The method of claim 27, wherein determining ~~a~~ the destina-

2                 tion comprises receiving user input specifying a destination.

1           29. (Currently Amended) The method of claim 27, wherein determining a the desti-  
2 nation comprises reading an indicator of a the destination from the image of the document in-  
3 dex.

1           30. (Currently Amended) The method of claim 27, wherein determining a the desti-  
2 nation comprises reading an indicator of a the destination from the first ~~action~~ sticker.

1           31. (Currently Amended) The method of claim 27, wherein determining a the desti-  
2 nation comprises determining at least one selected from the group consisting of:

3                 an e-mail address;  
4                 a fax number;  
5                 a uniform resource locator;  
6                 a telephone number; and  
7                 a mailing address.

1           32. (Currently Amended) The method of claim 1, wherein receiving ~~an~~ the image of a  
2 the document index comprises scanning a piece of paper comprising the document index im-  
3 age.

1           33. (Currently Amended) The method of claim 1, wherein receiving ~~an~~ the image of a  
2 the document index comprises receiving an e-mail message comprising the image of the docu-  
3 ment index image.

1           34. (Currently Amended) The method of claim 1, wherein receiving ~~an~~ the image of  
2 ~~a~~ the document index comprises receiving a fax message comprising the ~~image of the docu-~~  
3 ~~ment index~~ image.

1           35. (Currently Amended) The method of claim 1, further comprising determining the  
2 ~~specified~~ first action by reading the first ~~action~~ sticker.

1           36. (Currently Amended) The method of claim 1, further comprising determining the  
2 ~~specified~~ first action by performing optical character recognition on the first ~~action~~ sticker.

1           37. (Currently Amended) The method of claim 1, further comprising determining the  
2 ~~specified~~ first action by determining a shape of the first ~~action~~ sticker.

1           38. (Currently Amended) The method of claim 1, further comprising determining the  
2 ~~specified~~ first action by determining a color of the first ~~action~~ sticker.

1           39. (Currently Amended) The method of claim 1, further comprising determining the  
2 ~~specified~~ first action by reading a machine-readable icon on the first ~~action~~ sticker.

1           40. (Currently Amended) The method of claim 1, wherein the document index image  
2 comprises an identifier specifying a storage location, the method further comprising, prior to  
3 performing the ~~specified~~ first action:

4                         retrieving the ~~identified~~ first stored document from the ~~specified~~ storage loca-  
5                         tion.

1           41. (Currently Amended) The method of claim 1, further comprising, prior to per-  
2 forming the ~~specified~~ first action, retrieving the ~~identified~~ first stored document from a stor-  
3 age device.

1           42. (Currently Amended) A computer-implemented method for processing a stored  
2 document, comprising:

3                 receiving an image of a document index;  
4                 locating, on the document index image, at least a first graphic representation of  
5                 a first stored document;  
6                 locating, on the document index image, an image of a first sticker;  
7                 determining that the first sticker specifies the first stored document is to be  
8                 acted on based on a location of the first sticker with respect to the first  
9                 graphic representation;  
10                 identifying a first stored document based on the location of the sticker with re-  
11                 spect to the document index image;  
12                 receiving input specifying an action; and  
13                 performing the specified action to cause a change to the first identified stored  
14                 document.

1           43. (Original) The method of claim 42, wherein receiving input specifying an action  
2 comprises receiving input via a user interface.

1           44. (Currently Amended) A computer program product for processing a stored docu-  
2 ment, comprising:

3                   a computer-readable storage medium; and  
4                   computer program code, encoded on the medium, for:  
5                   receiving an image of a document index;  
6                   locating, on the document index image, at least a first graphic representation of  
7                   a first stored document;  
8                   locating, on the document index image, an image of a first sticker specifying  
9                   an a first action;  
10                  determining that the first sticker specifies a first action to be performed on the  
11                  first stored document based on a location of the first sticker with re-  
12                  spect to the first graphic representation;  
13                  identifying a first stored document based on the location of the first action  
14                  sticker with respect to the document index image; and  
15                  performing the specified first action to cause a change to the identified first  
16                  stored document.

1                  45. (Original) The computer program product of claim 44, wherein the first action  
2                  sticker comprises a removable self-adhesive sticker.

1                  46. (Currently Amended) The computer program product of claim 44, wherein the  
2                  first stored document is part of a stored collection of documents, and wherein the document  
3                  index image comprises a collection coversheet image.

1                  47. (Currently Amended) The computer program product of claim 46, wherein the  
2                  collection coversheet image comprises a collection overview.

1       48. (Currently Amended) The computer program product of claim 47, wherein the  
2 collection overview image comprises a plurality of thumbnail depictions of documents.

1       49. (Currently Amended) The computer program product of claim 46, wherein the  
2 collection coversheet image comprises a machine-readable collection identifier specifying a  
3 storage location for the collection of documents, the computer program product further com-  
4 prising computer program code, encoded on the medium, for, prior to performing the ~~speci-~~  
5 ~~fied~~ first action:

6              retrieving the ~~identified~~ first stored document from the ~~specified~~ storage loca-  
7              tion.

1       50. (Currently Amended) The computer program product of claim 46, further com-  
2 prising computer program code, encoded on the computer-readable storage medium, for  
3 modifying the stored collection of documents.

1       51. (Currently Amended) The computer program product of claim 50, further com-  
2 prising computer program code, encoded on the computer-readable storage medium, for gen-  
3 erating an updated collection coversheet image.

1       52. (Currently Amended) The computer program product of claim 46, further com-  
2 prising computer program code, encoded on the computer-readable storage medium, for stor-  
3 ing a new version of the collection of documents.

1       53. (Currently Amended) The computer program product of claim 52, further com-  
2 prising computer program code, encoded on the computer-readable storage medium, for gen-

3 erating an updated collection coversheet image including a collection identifier specifying a  
4 location for the new version.

1 54. (Currently Amended) The computer program product of claim 44, wherein the  
2 ~~specified~~ first action comprises one selected from the group consisting of:

3 printing;  
4 e-mailing;  
5 faxing;  
6 grouping;  
7 reordering;  
8 playing;  
9 ungrouping; and  
10 deleting.

1 55. (Currently Amended) The computer program product of claim 44, wherein the  
2 ~~specified~~ first action comprises specifying an access level for the first stored document.

1 56. (Currently Amended) The computer program product of claim 44, wherein the  
2 first sticker specifies a grouping action, the computer program product further comprising  
3 computer program code, encoded on the computer-readable storage medium, for:

4 locating, on the document index image, at least a second graphic representation  
5 of a second stored document;  
6 locating, on the document index image, an image of a second sticker specify-  
7 ing a grouping action; and

8                   determining that the second sticker specifies the grouping action be performed  
9                   on the second stored document based on a location of the second  
10                  sticker with respect to the second graphic representation;  
11                  identifying a second document based on the location of the second action  
12                  sticker on the document index page;

13                 and wherein the computer program code for performing the ~~specified~~ first action com-  
14                 prises computer program code for grouping the first ~~identified~~ stored document and the sec-  
15                 ond ~~identified~~ stored document.

1                 57. (Currently Amended) The computer program product of claim 56, wherein the  
2                 computer program code for grouping the first ~~identified~~ document and the second ~~identified~~-  
3                 document comprises computer program code for forming a sub-collection comprising the first  
4                 ~~identified~~ stored document and the second ~~identified~~ stored document.

1                 58. (Currently Amended) The computer program product of claim 44, further com-  
2                 prising computer program code, encoded on the medium, for:

3                    locating, on the document index image, an image of a second sticker indicating  
4                    the same document as the first sticker, the second sticker specifying a  
5                    second action;  
6                    locating, on the document index image, an image of a second sticker specify-  
7                    ing a second action;  
8                    determining that the second sticker specifies an second action to be performed  
9                    on the first stored document based on a location of the second sticker  
10                  with respect to the first graphic representation;

11           determining an order for performing the first action and the second action; and  
12           performing the second ~~specified~~ action on the ~~identified~~ first stored document;

13           wherein the first and second actions are performed according to the determined order.

1           59. (Currently Amended) The computer program product of claim 44, wherein the  
2        ~~specified~~ first action comprises transmitting the ~~identified~~ first stored document to a destina-  
3        tion, the computer program product further comprising computer program code, encoded on  
4        the computer-readable storage medium, for:

5           determining ~~a~~ the destination.

1           60. (Currently Amended) The computer program product of claim 44, further com-  
2        prising computer program code, encoded on the computer-readable storage medium, for de-  
3        termining the ~~specified~~ first action by reading the first ~~action~~-sticker.

1           61. (Currently Amended) The computer program product of claim 44, wherein the  
2        document index comprises an identifier specifying a storage location, the computer program  
3        product further comprising, computer program code, encoded on the computer-readable stor-  
4        age medium, for, prior to performing the ~~specified~~ first action:

5           retrieving the ~~identified~~ first stored document from the ~~specified~~ storage loca-  
6        tion.

1           62. (Currently Amended) The computer program product of claim 44, further com-  
2        prising, computer program code, encoded on the computer-readable storage medium, for,

3 prior to performing the ~~specified~~ first action, retrieving the ~~identified~~ first stored document  
4 from a storage device.

1 63. (Currently Amended) A system for processing a stored document, comprising:  
2 a document index input device, for receiving an image of a document index;  
3 a document locator, for locating, on the document index image, at least a first  
4 graphic representation of a first stored document;  
5 a sticker locator, coupled to the document input index device and the document  
6 locator, for locating, on the document index image, an image of a first  
7 sticker specifying ~~an~~ a first action and for determining that the first  
8 sticker specifies a first action to be performed on a stored document  
9 based on a location of the first sticker with respect to a graphic repre-  
10 sentation of a document;  
11 ~~a document identifier, coupled to the sticker locator, for identifying a first~~  
12 ~~stored document based on the location of the first action sticker with-~~  
13 ~~respect to the document index image; and~~  
14 a document processor, coupled to the document identifier, for performing the  
15 ~~specified~~ first action to cause a change to the ~~identified~~ first stored  
16 document.

1 64. (Currently Amended) The system of claim 63, wherein the first ~~action~~ sticker  
2 comprises a removable self-adhesive sticker.

1        65. (Currently Amended) The system of claim 63, wherein the first document is part  
2 of a stored collection of documents, and wherein the document index image comprises a col-  
3 lection coversheet image.

1        66. (Currently Amended) The system of claim 65, wherein the collection coversheet  
2 image comprises a collection overview image.

1        67. (Currently Amended) The system of claim 66, wherein the collection overview  
2 image comprises a plurality of thumbnail depictions of stored documents.

1        68. (Currently Amended) The system of claim 65, wherein the collection coversheet  
2 image comprises a machine-readable collection identifier specifying a storage location for the  
3 collection of documents, the system further comprising:

4              a document retriever, coupled to the document identifier, for retrieving the  
5              identified first stored document from the specified storage location.

1        69. (Original) The system of claim 65, wherein the document processor modifies the  
2 stored collection of documents.

1        70. (Currently Amended) The system of claim 69, further comprising a coversheet  
2 generator, coupled to the document processor, for generating an updated collection coversheet  
3 image.

1           71. (Currently Amended) The system of claim 65, further comprising a storage de-  
2 vice, coupled to the document processor, for storing a new version of the collection of docu-  
3 ments.

1           72. (Currently Amended) The system of claim 71, further comprising a coversheet  
2 generator, coupled to the document processor, for generating an updated collection coversheet  
3 image including a collection identifier specifying a location for the new version.

1           73. (Currently Amended) The system of claim 63, wherein the specified first action  
2 comprises one selected from the group consisting of:

3                 printing;  
4                 e-mailing;  
5                 faxing;  
6                 grouping;  
7                 reordering;  
8                 playing;  
9                 ungrouping; and  
10                deleting.

1           74. (Currently Amended) The system of claim 63, wherein the specified first action  
2 comprises specifying an access level for the first stored document.

1           75. (Currently Amended) The system of claim 63, wherein the first sticker specifies a  
2 grouping action, wherein:

3                   the document locator locates, on the document index image, at least a second  
4                   graphic representation of a second stored document;  
5                   the sticker locator locates, on the document index image, an image of a second  
6                   sticker specifying a grouping action and determines that the second  
7                   sticker specifies a grouping action to be performed on the second stored  
8                   document based on a location of the action sticker with respect to the  
9                   second graphic representation;  
10                  the document identifier identifies a second stored document based on the loca-  
11                  tion of the second action sticker with respect to the document index  
12                  page; and  
13                  the document processor groups the first identified stored document and the  
14                  second identified stored document.

1                  76. (Currently Amended) The system of claim 75, wherein the document processor  
2                  groups the first ~~identified~~ stored document and the second ~~identified~~ stored document by  
3                  forming a sub-collection of documents comprising the first ~~identified~~ stored document and the  
4                  second ~~identified~~ stored document.

1                  77. (Currently Amended) The system of claim 63, wherein:  
2                  the sticker locator locates, on the document index image, an image of a second  
3                  sticker specifying a second action;  
4                  the sticker locator determines that the second sticker specifies a grouping ac-  
5                  tion to be performed on the first stored document based on a location  
6                  of the first sticker with respect to the first graphic representation;

the sticker locator locates, on the document index image, an image of a second sticker indicating the same stored document as the first sticker, the second sticker specifying a second action; and

the document processor determines an order for performing the first action and the second action, and performs the second specified action on the first identified stored document according to the determined order.

78. (Currently Amended) The system of claim 63, wherein the document index comprises an identifier specifying a storage location, the system further comprising:  
a document retriever, coupled to the document identifier, for retrieving the identified first stored document from the specified storage location.

79. (Currently Amended) The system of claim 63, further comprising:  
a document retriever, coupled to the document identifier, for retrieving the  
~~identified~~ first stored document from a storage device.